USCMS Engineer Status Report for March 2004

Lassi Tuura

May 1, 2004

1 Work Performed This Month

Wrote agents for Tier-0: receipt of "drops" from the farm, publishing to RLS, publishing to TMDB, plus monitoring the status. Discovered colossal bug in RLS publisher, it didn't add catalogue meta data to the catalogue. Consequently spent lots of time trying to recover and re-add this information, discovering in the process many limitations of RLS and some on POOL tools. Worked with Zhen Xie to generate better tools. In the end obtained direct access to RLS backend database. General experience gained with RLS, some positive, most not. RLS replication work. Collaboration with RLS/IT teams.

Determined process to pin and clean files in GDB. Planned agents to do so.

Planned agent to zip EVD files at T0. Coded another agent to zip up COBRA "META" files and send them over the transfer management system, and worked out a scheme on how META files could be handled. Worked with Vincenzo to root out bugs in the system to read files directly from RFIO, dCache and zip files within COBRA.

Helped organise Apple technical presentation at CERN.

2 Plans For Next Month

DC04

3   Longer Term Plans

None.